REMARKS

Present Status of the Application

Claims 1-4 and 6-9 are still rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. Claim 9 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to point out and distinctly claim the subject matter the applicant regards as the invention. For at least the foregoing reasons, applicants respectfully submit that claims 1-4 and 6-9 patently define over prior art of record and reconsideration of this application is respectfully requested.

Discussion for objection to specification under 35 U.s.c. 132(a)

*2. In lines 7-12 in amended paragraph [0029], there is no evidence that original disclosure supports the data output latch 415 determining **when** to output the nonreal time data via the data output bus according to the control of the control unit 411.*

In response thereto, as disclosed in aforesaid amended paragraph [0029] in the specification, the recitation, "the data output latch 415 extracts the nonreal-time data from the bi-directional bus 41, and determines **when** to output the nonreal-time data via the data output bus according to the control of the control logic unit 411" is

amended to "the data output latch 415 extracts the nonreal-time data from the bi-directional bus 41, and determines to output the nonreal-time data via the data output bus according to the control of the control logic unit 411." Since it is obvious that from Fig.4 and general available knowledge from one of ordinary skill in the art, the nonreal-time data latched in the data output latch 415 must be output, the deletion of "when" in the recitation of "determining when to.... the control logic unit 411" contains no new matter.

Discussion for objection to claims due to informalities:

3. Claims 6 and 8 are objected to because of their informalities.

In response thereto, the claims 6 and 8 are amended to eliminate their informalities.

Discussion for rejection to claims under 35 U. S. C. 112

5. Claims 1-4, 6-9 are rejected under 35 U. S. C. 112, 1st paragraph, as failing to comply with written description requirement.

In response thereto, the claim 1 is so amended to comply with written description requirement, wherein the recitation, "determines **when** to output the nonreal-time data from the data output latch," is amended to "determines to output the nonreal-time data from the data output latch." Moreover, in accordance with aforesaid discussion, this amendment contains no new matter.

7. Claim 9 is rejected under under 35 U. S. C. 112, sewcond paragraph as indefinite

for failing to point out and distinctly claim the subject matter the applicant regards as

the invention. The limitation, "the microcode instructions" has no antecedent basis.

In response thereto, applicants amend this limitation, "the microcode instructions" to

"microcode instructions" as claimed in amended claim 9 without introducing any new

matter because this amendment is supported in lines 16-17 in paragraph [0012] in

specification.

CONCLUSION

For at least the foregoing reasons, it is believed that all the pending claims 1-4

and 6-9 of the present application patently define over the prior art and are in proper

condition for allowance. If the Examiner believes that a telephone conference would

expedite the examination of the above-identified patent application, the Examiner is

invited to call the undersigned.

Respectfully submitted,

Date :

Sept 24, 2005   _Belinda Lee_

Belinda Lee

Registration No.: 46,863

Jianq Chyun Intellectual Property Office
7th Floor-1, No. 100
Roosevelt Road, Section 2
Taipei, 100
Taiwan
Tel: 011-886-2-2369-2800
Fax: 011-886-2-2369-7233
Email: belinda@jcipgroup.com.tw
         Usa@jcipgroup.com.tw